

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001536

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A61K 9/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI and Medline: Keywords (Hydrophobic, perfluorocarbon, aqueous, dispersion) and like terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1999/039696 A1 (Gensia Sicor Inc) 12 August 1999 Abstract; column 4, line 15 – column 5, line 10; Table 1; examples; claims	11, 13-20, 22, 23
X	Itoh K et al "Nanoparticle formation of poorly water-soluble drugs from ternary ground mixtures with PVP and SDS" Chem. Pharm. Bull. (2003) Vol 51(2), pages 171-174 Abstract	11-17
X	Palma S et al "Evaluation of the surfactant properties of ascorbyl palmitate sodium salt" European Journal of Pharmaceutical Sciences (2002) Vol 16, pages 37-43 Abstract	11, 13-17
X	Kayes JB "Pharmaceutical suspensions: micro electrophoretic properties" J. Pharm. Pharmac. (1977) Vol 29, pages 163-168 Abstract	11, 13-17

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 22 December 2004	Date of mailing of the international search report 11 JAN 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized officer STEVEN CHEW Telephone No : (02) 6283 2248

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Poelma FGJ et al "Intestinal absorption of drugs. The influence of mixed micelles on the disappearance kinetics of drugs from the small intestine of the rat" J. Pharm. Pharmacol. (1991) Vol 43, pages 317-324 Abstract	11-17
X	Lattes A et al "Microemulsions of perfluorinated and semi-fluorinated compounds" Art. Cells, Blood Subs., and Immob. Biotech (1994) Vol 22(4), pages 1007-1018 Abstract	11, 13-18, 20, 22, 23
X	Bates TR et al "Bioavailability of micronized griseofulvin from corn oil-in-water emulsion, aqueous suspension, and commercial tablet dosage forms in humans" Journal of Pharmaceutical Sciences (1975) Vol 64(5), pages 793-797 Abstract	11-18, 22
X	Trapani G et al "Inclusion complexation of propofol with 2-hydroxypropyl- β -cyclodextrin. Physicochemical, nuclear magnetic resonance spectroscopic studies, and anesthetic properties in rat" Journal of Pharmaceutical Sciences (1998) Vol 87(4), pages 514-518 Abstract	11-17, 20, 22, 23
X	Bates TR et al "Apparent absorption kinetics of micronized griseofulvin after its oral administration on single- and multiple- dose regimens to rats as a corn oil-in-water emulsion and aqueous suspension" Journal of Pharmaceutical Sciences (1975) Vol 64(9), pages 1475-1481 Abstract	11-18, 22
P, X	Kaukonen AM et al "Drug solubilization behaviour during <i>in vitro</i> digestion of simple triglyceride lipid solution formulations" Pharmaceutical Research (2004) Vol 21(2), pages 245-253 Abstract	11-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001536

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO 9939696	AU	25991/99	BR	9907832	CA	2319810	
	EP	1052975	NZ	505948	US	6147122	
	US	6469069					
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							